

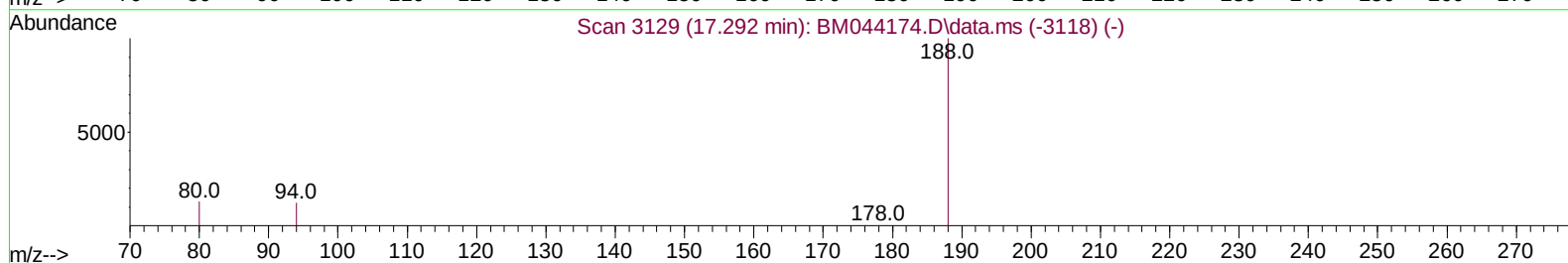
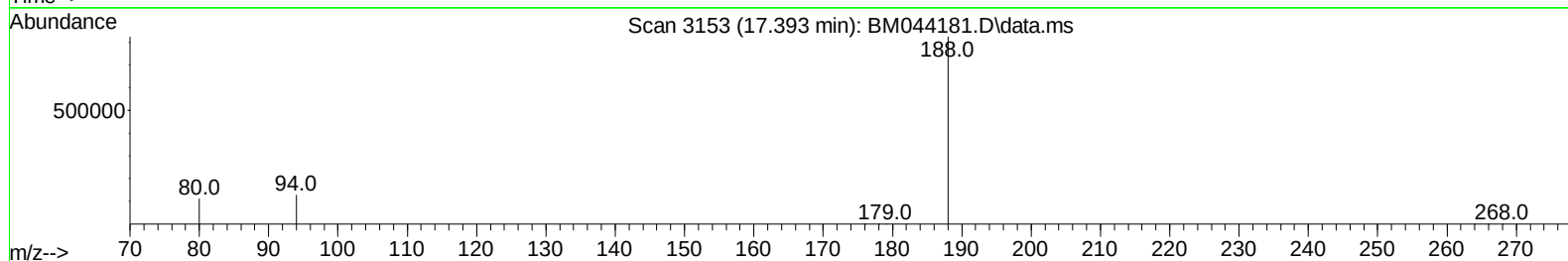
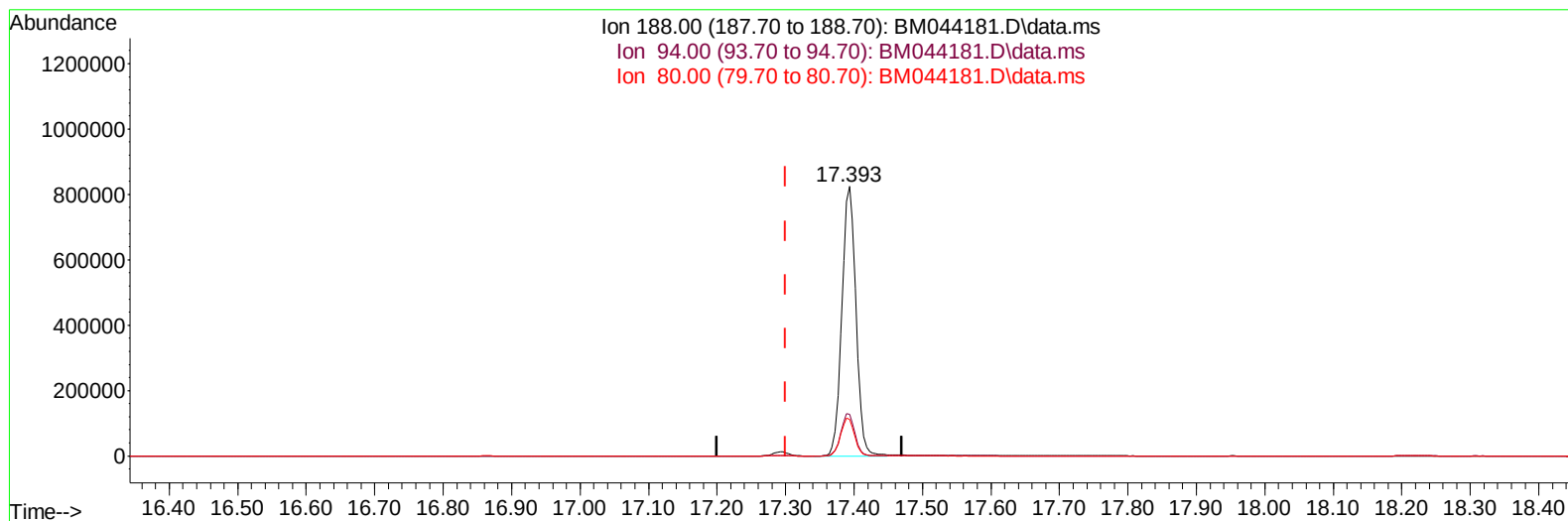
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(13) Phenanthrene-d10 (I)

17.393min (+ 0.093) 0.40 ng/u1

response 1184542

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.52#
80.00	13.40	13.53
0.00	0.00	0.00

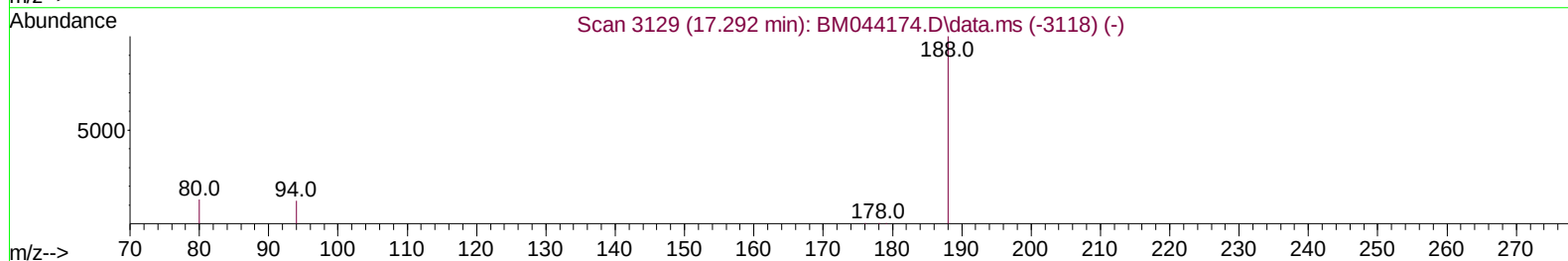
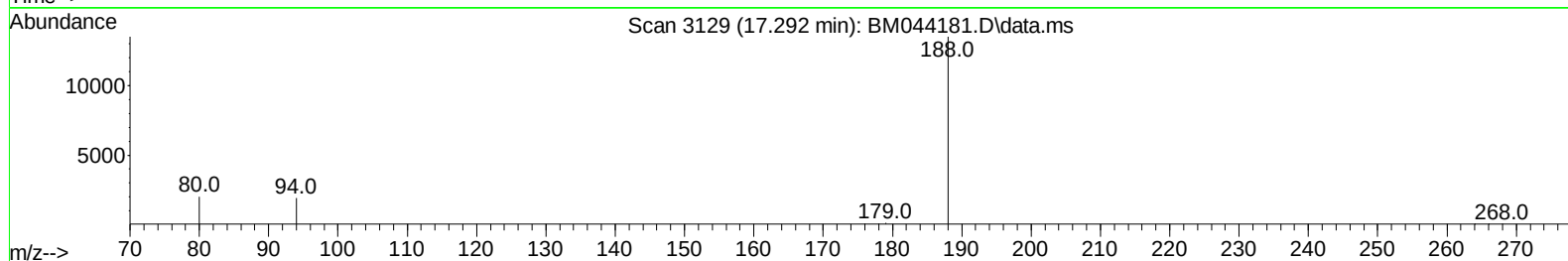
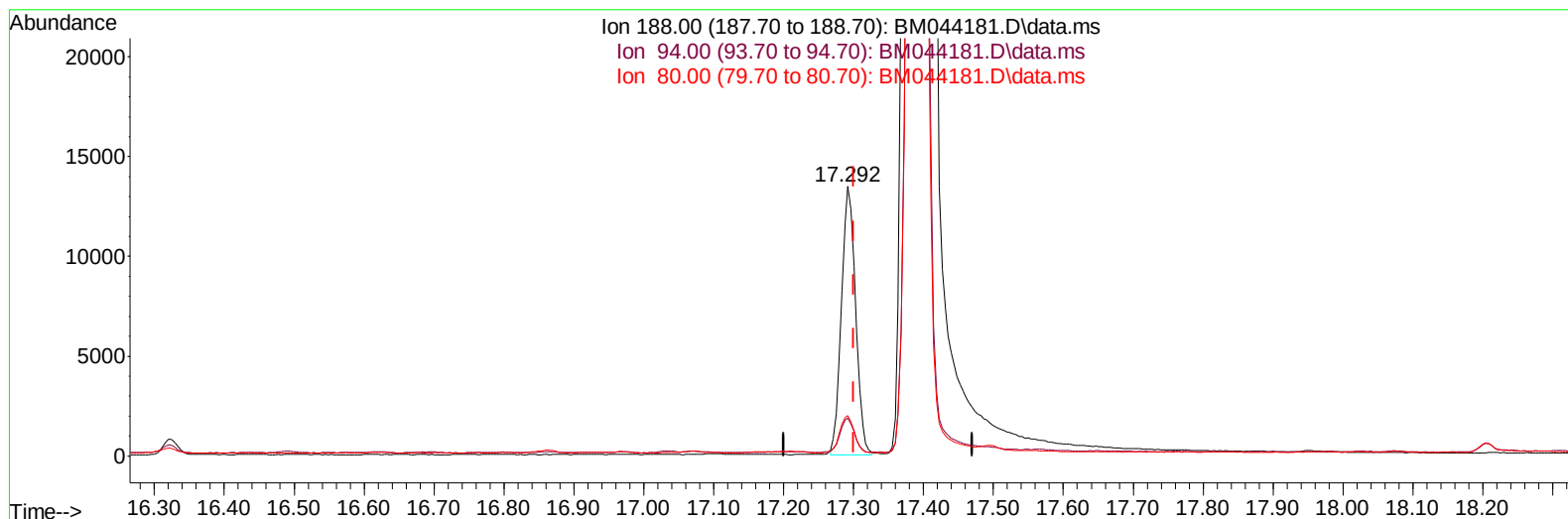
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(13) Phenanthrene-d10 (I)

17.292min (-0.008) 0.40 ng/ul m

response 18819

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	14.07
80.00	13.40	14.91
0.00	0.00	0.00

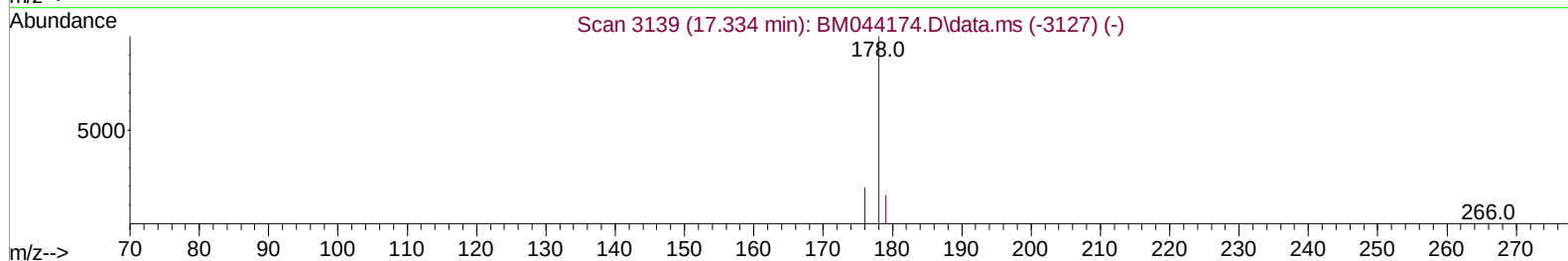
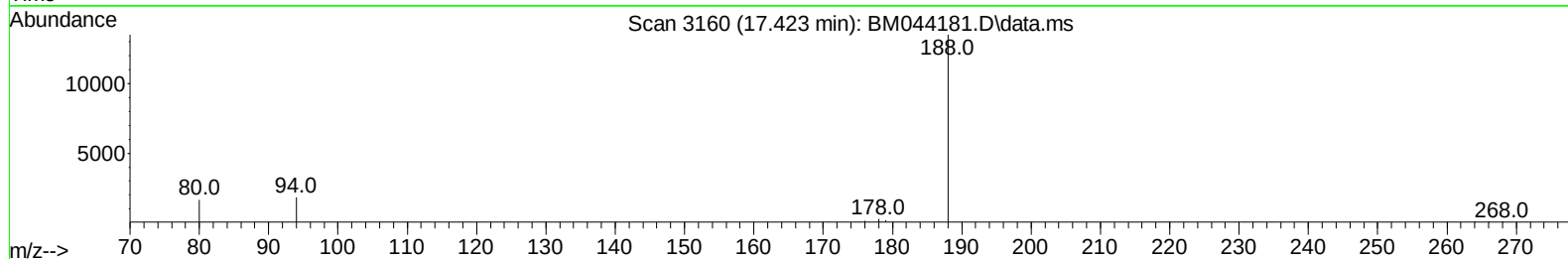
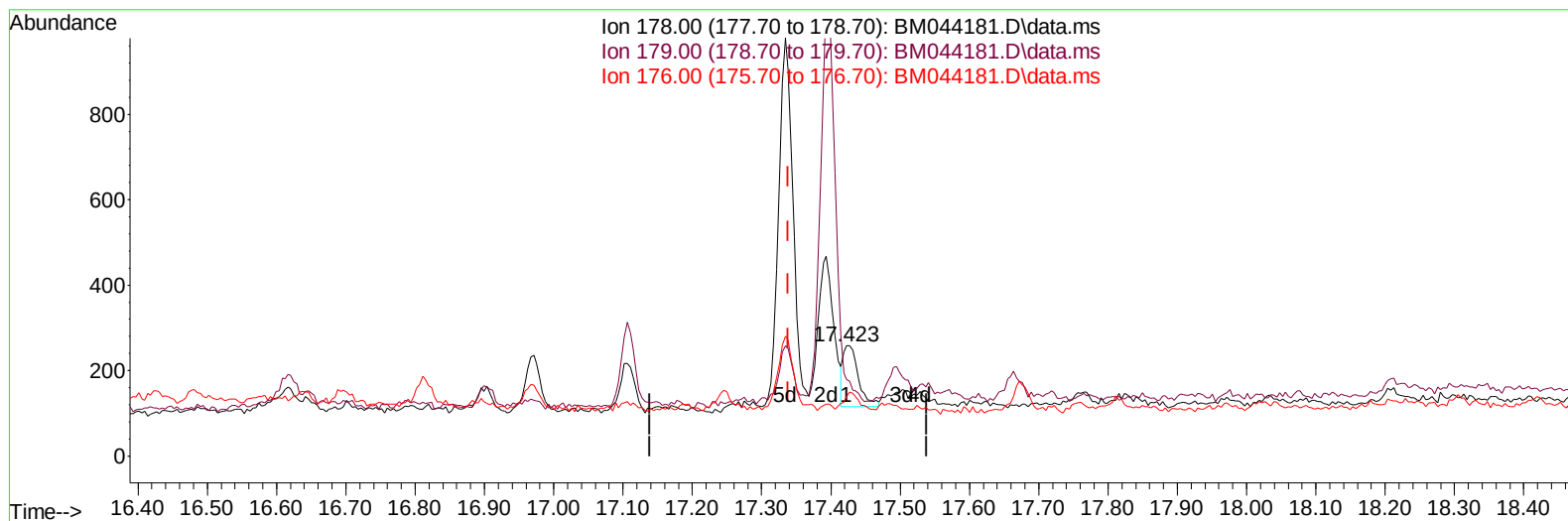
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(15) Phenanthrene

17.423min (+ 0.084) 0.00 ng/u1

response 215

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	69.38#
176.00	20.00	54.26#
0.00	0.00	0.00

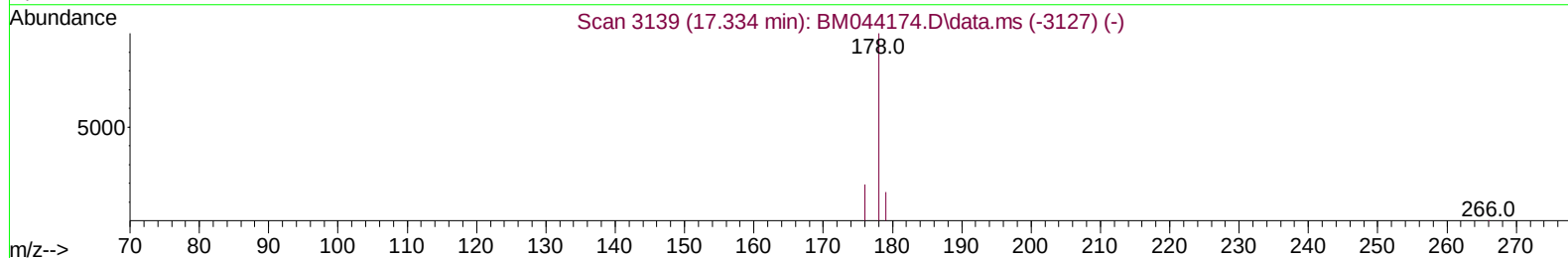
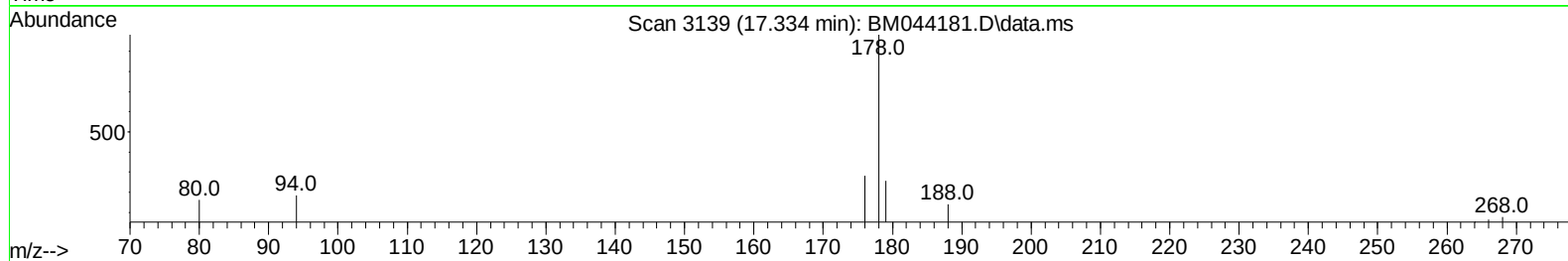
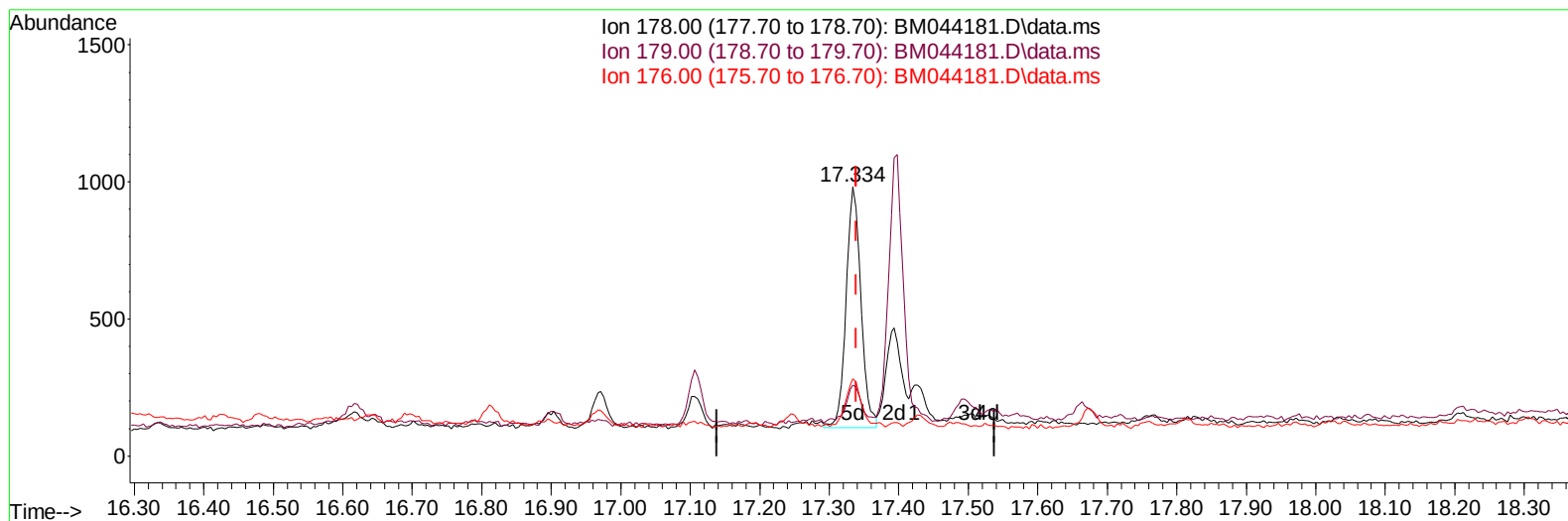
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(15) Phenanthrene

17.334min (-0.004) 0.02 ng/ul m

response 1302

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	26.25#
176.00	20.00	28.59#
0.00	0.00	0.00

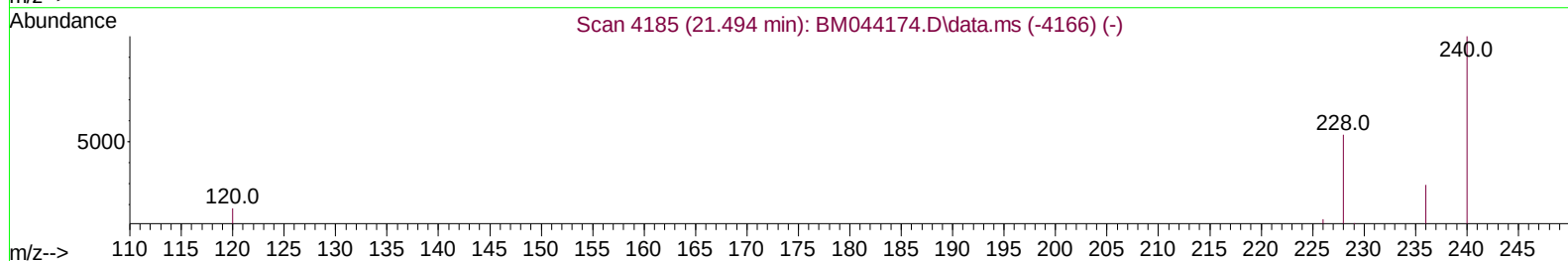
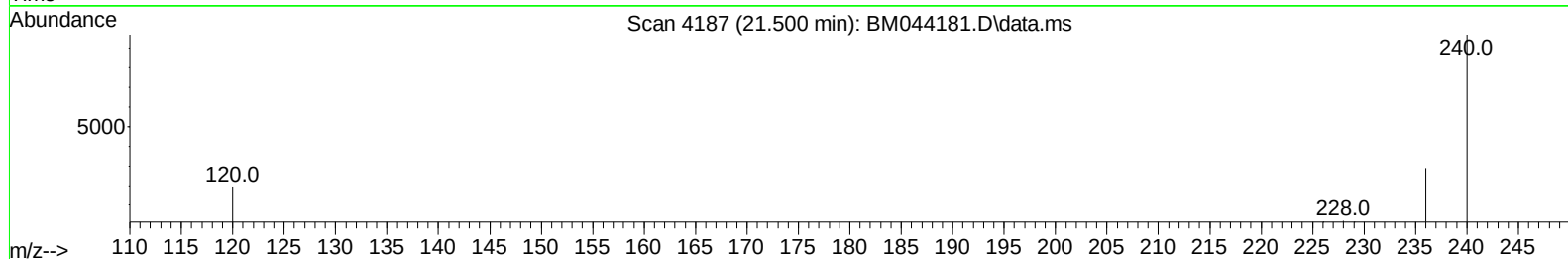
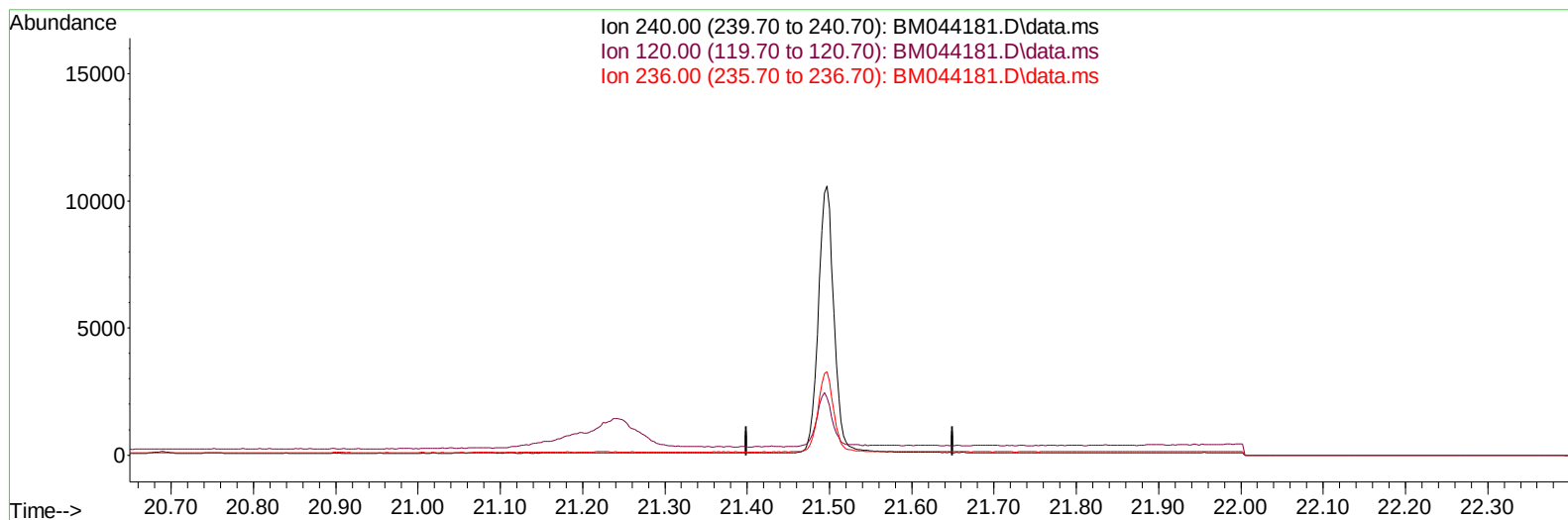
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(17) Chrysene-d12

21.500min (-21.500) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	20.50	0.00#
236.00	30.60	0.00#
0.00	0.00	0.00

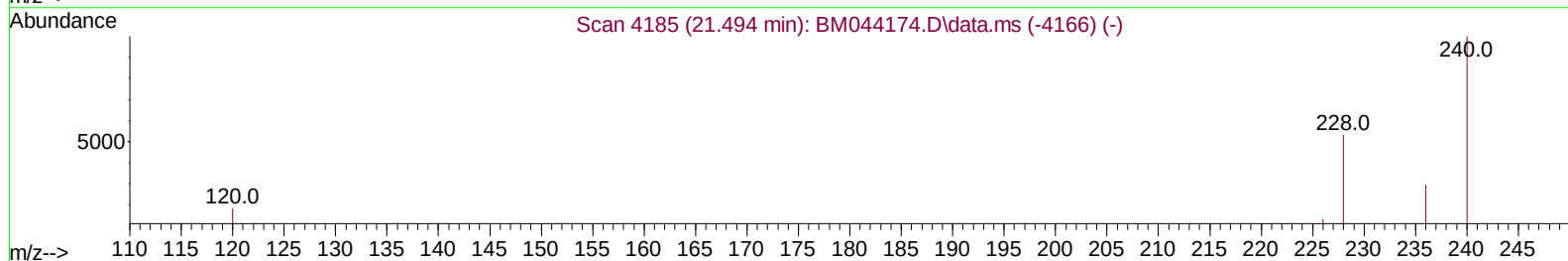
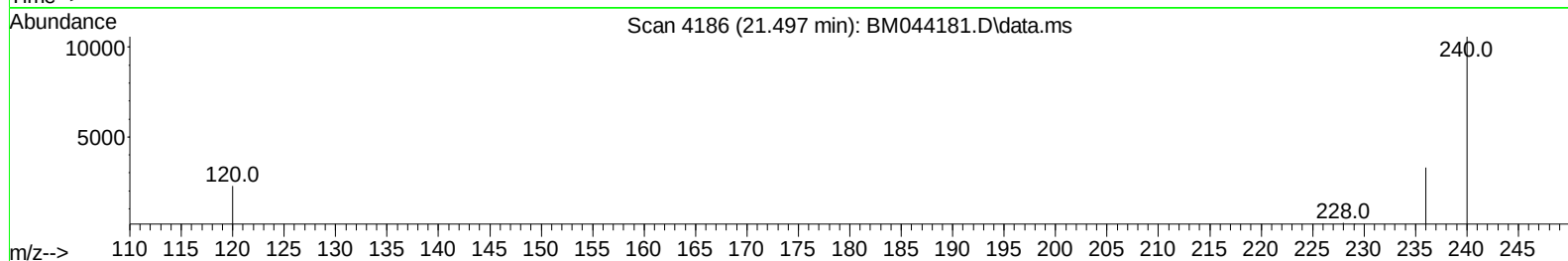
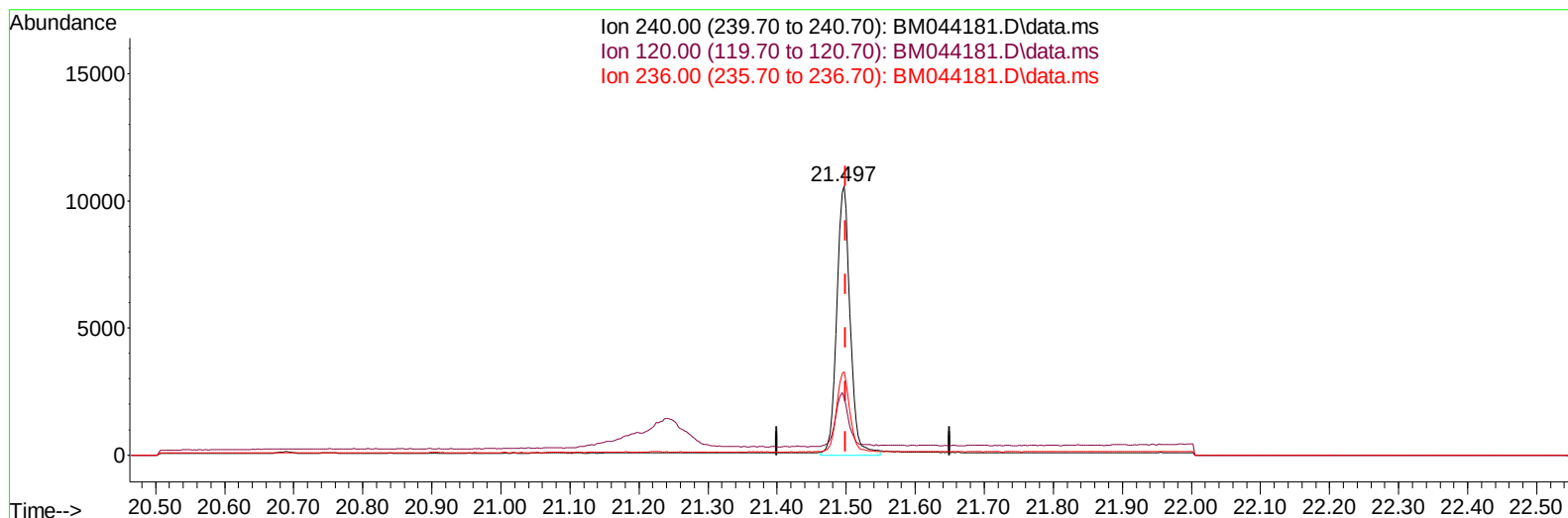
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044181.D\data.ms

(17) Chrysene-d12

21.497min (-0.003) 0.40 ng/ul m

response 14270

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	21.27
236.00	30.60	31.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044181.D
 Acq On : 19 Feb 2024 17:07
 Operator : MA/JU
 Sample : P1352-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 17:40:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152		5965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136		18450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164		9067	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188		18819m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240		14270m	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264		20058	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		36786	4.355	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152		6798	0.263	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212		14163	0.333	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.748	128		1645	0.030	ng/ul#	84
7) 2-Methylnaphthalene	12.365	142		2595	0.077	ng/ul	98
8) 1-Methylnaphthalene	12.585	142		1335	0.039	ng/ul	99
15) Phenanthrene	17.334	178		1302m	0.022	ng/ul	
19) Fluoranthene	19.359	202		1441	0.022	ng/ul#	64

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044181.D
Acq On : 19 Feb 2024 17:07
Operator : MA/JU
Sample : P1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN1

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

